

Anti-AGXT antibody

Cat. No.	ml160844
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-AGXT rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Synthetic peptide of human AGXT
Reactivity	Human, Mouse, Rat
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	AGXT
Full name	Alanine-glyoxylate aminotransferase
Synonyms	AGT; PH1; SPT; AGT1; SPAT; TLH6; AGXT1
Swissprot	P21549

Target Background

Serine—pyruvate aminotransferase is an enzyme that in humans is encoded by the AGXT gene. This gene is expressed only in the liver and the encoded protein is localized mostly in the peroxisomes, where it is involved in glyoxylate detoxification. Mutations in this gene, some of which alter subcellular targeting, have been associated with type I primary hyperoxaluria. Defects in AGXT are the cause of hyperoxaluria primary type 1 (HP1), also known as primary hyperoxaluria type I (PH1) and oxalosis I. HP1 is a rare autosomal recessive inborn error of glyoxylate metabolism characterized by increased excretion of oxalate and glycolate, and the progressive accumulation of insoluble calcium oxalate in the kidney and urinary tract.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 43 kDa

Positive control: Human fetal liver tissue and hepg2 cells

Recommended dilution: 500-2000

Gel: 10%SDS-PAGE

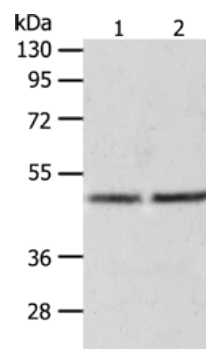
Lysate: 40 µg

Lane 1-2: Human fetal liver tissue, hepg2 cells

Primary antibody: ml160844(AGXT Antibody) at dilution 1/1050

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



ELISA

Recommended dilution: 2000-5000

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